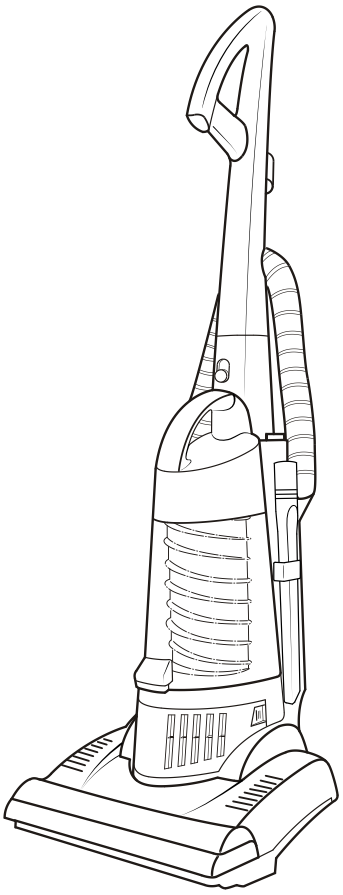
FANTOM®

# INSTRUCTION MANUAL

# VACUUM CLEANER FM740



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**HOUSEHOLD USE ONLY**

# IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following.

**READ ALL INSTRUCTIONS**
**BEFORE USING THIS VACUUM CLEANER**

WARNING - To reduce the risk of fire, electric shock or injury:

1. Do not leave the vacuum cleaner when plugged in. Unplug it from the outlet when not in use and before servicing.
2. Do not use outdoors or on wet surfaces.
3. Do not allow it to be used as a toy. Close attention is necessary when used by or near children or infirmed persons.
4. Use only as described in this manual. Use only the manufacturer's recommended attachments.
5. Do not use with a damaged cord or plug. If the vacuum cleaner is not working as it should, or if it has been dropped, damaged, left outdoors or dropped into water, return to FANTOM at 178 West Service Rd., Champlain, NY 12919.
6. Do not pull or carry by the cord, use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners. Do not run the vacuum cleaner over the cord. Keep the cord away from heated surfaces.
7. Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
8. Do not handle the plug or the vacuum cleaner with wet hands.
9. Do not put any objects into the openings. Do not use with any opening blocked: keep free of dust, lint, hair and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers and all the parts of your body away from openings and moving parts.
11. Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
12. Do not use without dust compartment and filters in place.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not use to pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.

16. Do not touch the agitator while it is spinning.

17. Do not place any heavy items on top of the vacuum cleaner.

18. Do not step on the hose or pull it too strongly.

19. Do not pick up items such as pieces of waste paper or cloth which look as though they may cause the hose to become blocked.

20. Do not clean or store the vacuum cleaner in places where there are high temperatures.

21. Store the vacuum cleaner away from excessive humidity.

22. When carrying the vacuum cleaner, hold it by the carrying handle.

23. Before servicing the vacuum cleaner, allow all metal parts to cool first.

24. Always place foot on handle release when adjusting the handle position of the vacuum cleaner.

25. If the supply cord of this appliance is damaged, it must only be replaced by FANTOM, because special purpose tools are required.

## SAVE THESE INSTRUCTIONS

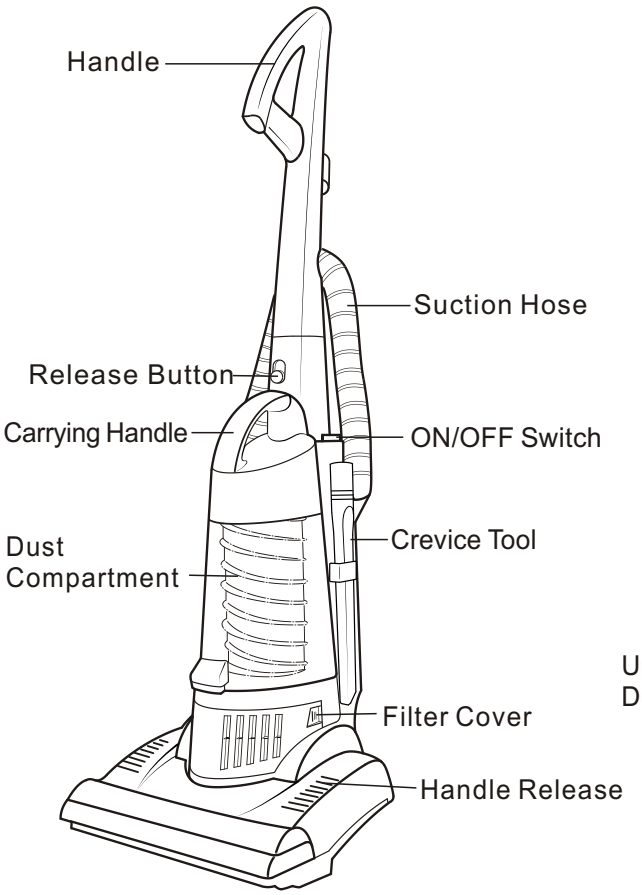
This vacuum cleaner is intended for household use only.

### Note to user concerning attachment plug:

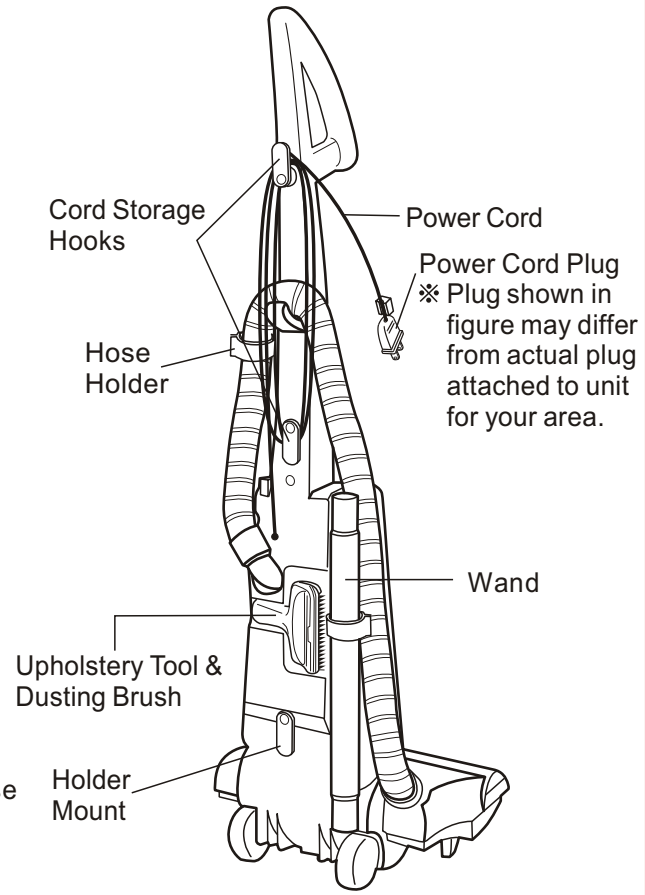
To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

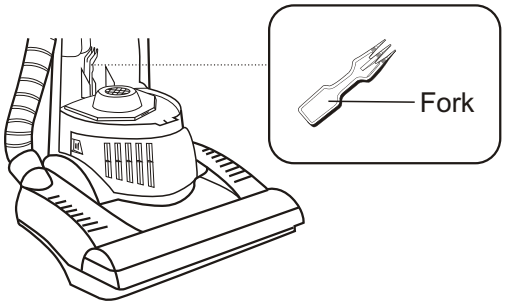
# NAMES OF EACH PART

**FRONT**




**REAR**


Cord Storage Hooks
Power Cord
Power Cord Plug
※ Plug shown in figure may differ from actual plug attached to unit for your area.
Hose Holder
Wand
Upholstery Tool & Dusting Brush
Holder Mount




## WARNING:

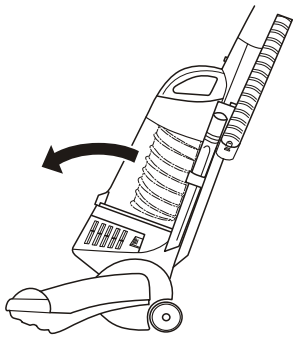
Operate vacuum cleaner only at the voltage specified on name plate.

# PREPARATIONS BEFORE USE

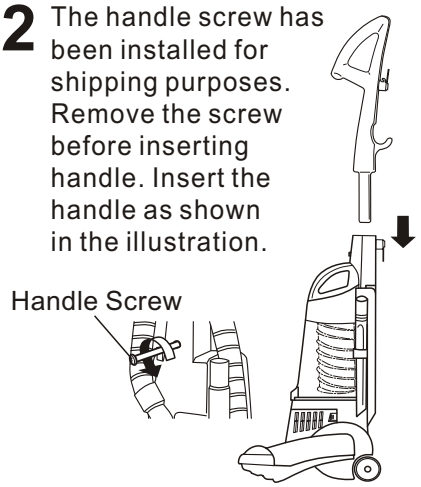
**Caution**: Do not connect the power cord plug to the wall outlet until assembly is completed.

## Attaching the handle

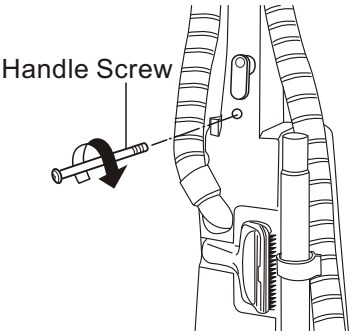
**1** Set the vacuum cleaner to the upright position.



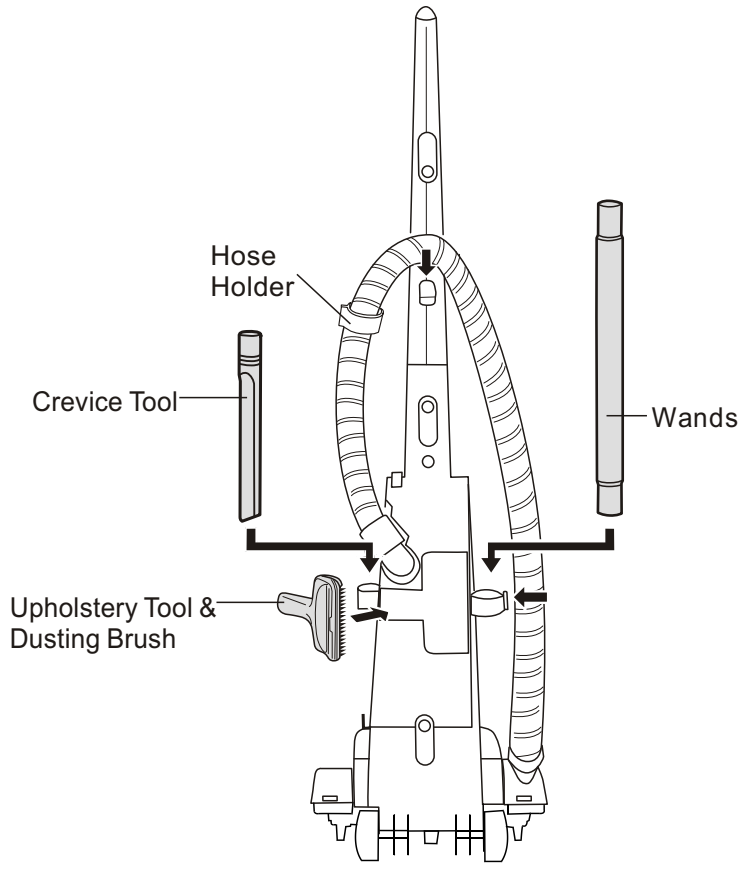
**2** The handle screw has been installed for shipping purposes. Remove the screw before inserting handle. Insert the handle as shown in the illustration.

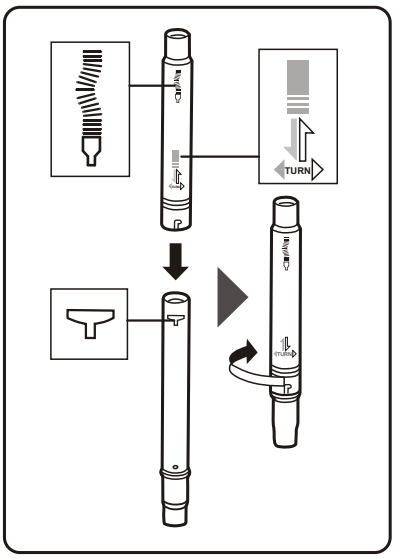



**3** Insert the screw that you removed.Be sure screw is tightened,but not over tightened.




## Attaching the suction hose & attachments

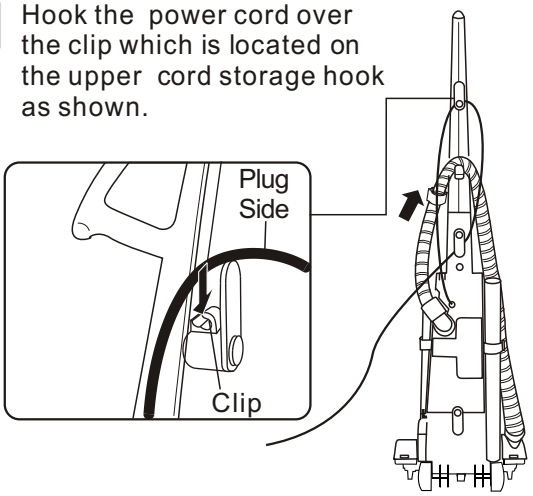


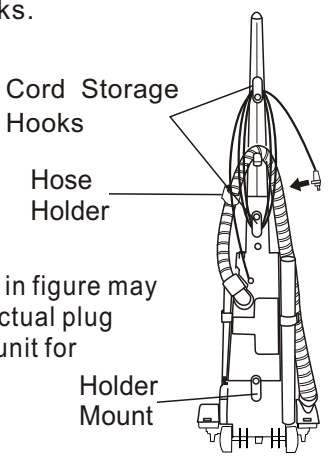
# PREPARATIONS BEFORE USE

## WINDING THE POWER CORD

**1** Hook the power cord over the clip which is located on the upper cord storage hook as shown.



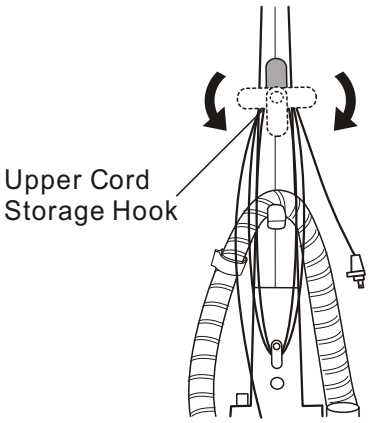

**2** Wind the power cord around the cord storage hooks.



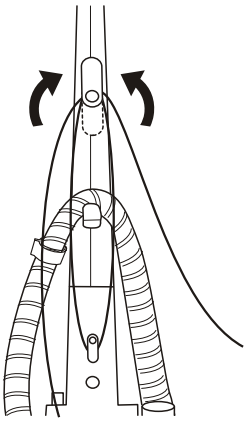

- Plug shown in figure may differ from actual plug attached to unit for your area.

## RELEASING THE POWER CORD

**1** Rotate the upper cord storage hook downward.

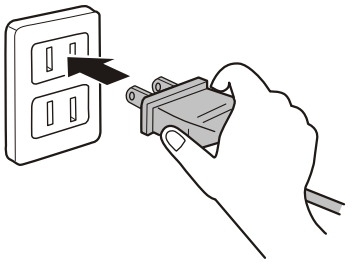



**2** Return the hook to the upright position before attempting to rewind the power cord.



## INSERTING THE POWER CORD PLUG

WARNING: To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not modify the plug in any way.

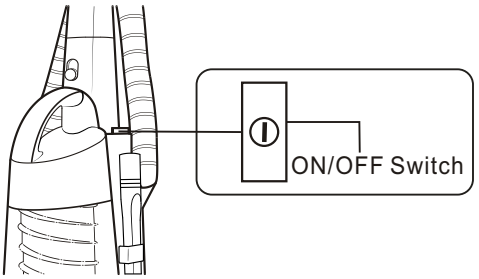


# USING THE VACUUM CLEANER

## ON/OFF SWITCH

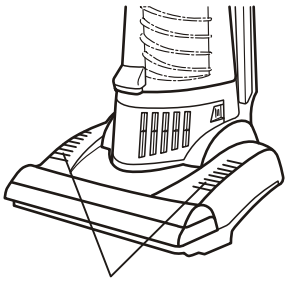
- Start or stop vacuum cleaner by pushing on the switch.

OFF ON




## ADJUSTING THE HANDLE

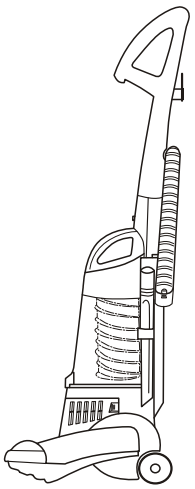
The handle of this vacuum cleaner can be set to one of three positions-Upright,Normal,Parallel.Place your foot on either one of the handle release points as shown and pull back on the handle until it releases from its upright position.



Handle Release

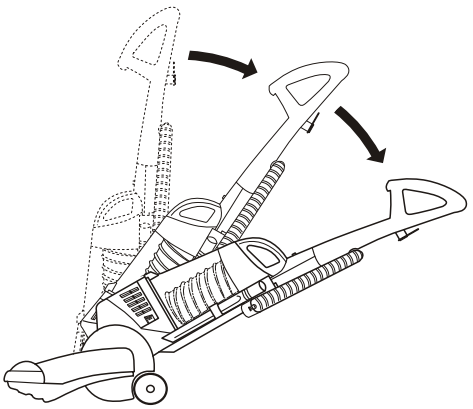
### Upright position

The handle is normally locked in this position for storage or when using the attachments.
Push the handle forward until it locks.



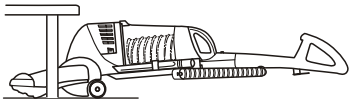
### Normal position

This position is used for normal cleaning.



### Parallel position

This position is used for cleaning under furniture.



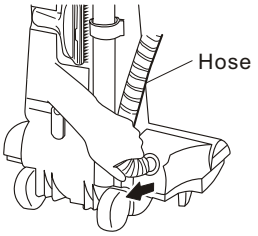
## EDGE CLEANING

This vacuum cleaner is equipped with an "edge cleaning" function for cleaning carpet edges near baseboards and stationary furniture.

# USING THE ATTACHMENTS

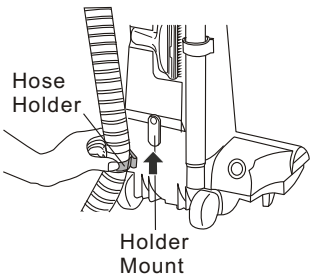
**Caution:** When using the attachments during cleaning, set the vacuum cleaner to the upright position.

**1** Disconnect the hose from the vacuum cleaner.
Pull the hose gently in the direction of the arrow to disconnect it.




**2** Hook the hose holder onto the holder mount.

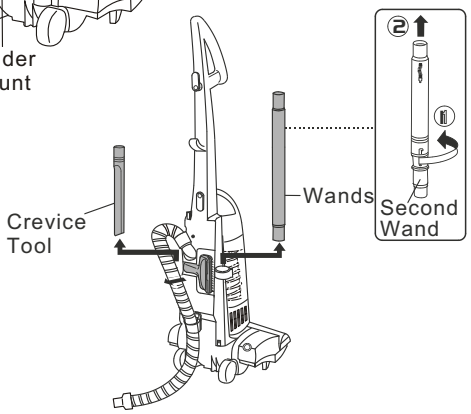
**Caution:**
Before using the attachments, please make sure the hose is hooked on the holder mount.




**3** Remove the wands from the vacuum cleaner.

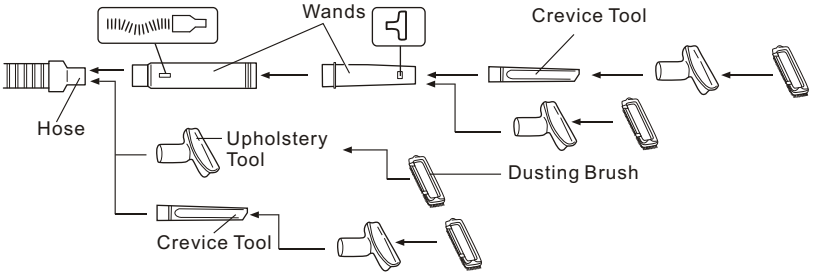
- Two wands are contained together. Pull out the second wand as shown.

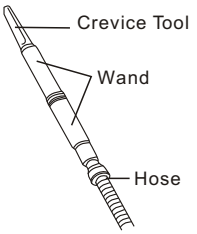
**Caution:**
When removing the attachments, pull them in the directions shown in the illustration. Pulling them in the wrong direction or pulling them forcefully may cause damage to the attachment ribs.




**4** Install the wand to the hose.

- To achieve maximum reach with the attachments, attach the crevice tool to the end of the wand.
- Securely and firmly connect the wand to the hose while twisting the wand, as shown in the illustration below.
- The end of the wand which has the marking of ▭ should be connected to the hose.
- The upholstery tool & dusting brush can be attached directly to the wand, hose or the end of the crevice tool. Refer to the illustration for the correct way to position the upholstery tool & dusting brush.

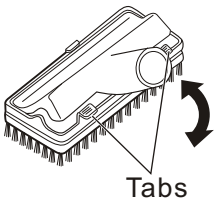



## Upholstery tool & Dusting brush

To detach the dusting brush from the upholstery tool: Press the tabs on the brush downward to remove it.

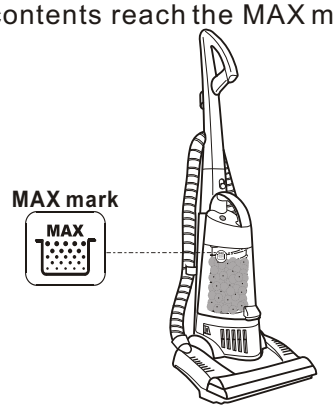
To reattach the dusting brush to the upholstery tool: Insert the front of the upholstery tool under the hook on the front of the dusting brush. Press down on the back of the upholstery tool to snap it into place under the dusting brush tabs.



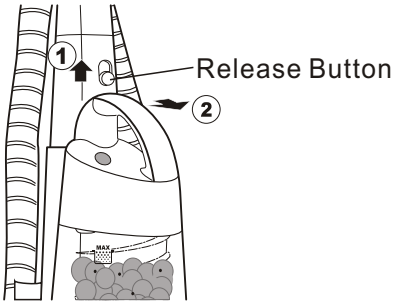
# EMPTYING THE DUST COMPARTMENT

**Caution:** Be sure to turn the ON/OFF switch to the "OFF" position and disconnect the power cord from the wall outlet before cleaning.

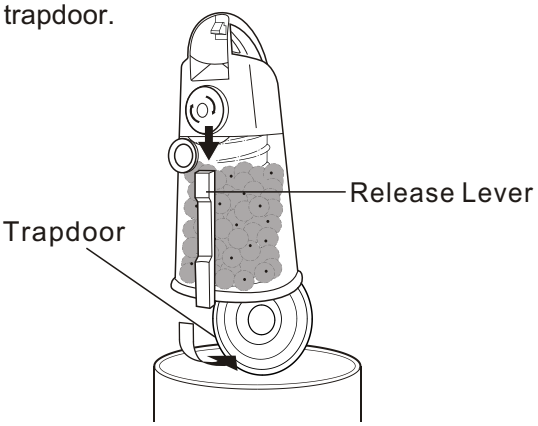
**1** Empty the dust compartment when contents reach the MAX mark.



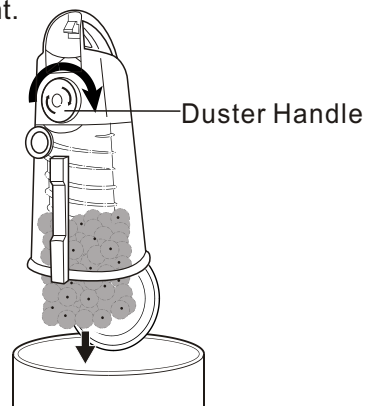

**2** Push the release button to remove the dust compartment.




**3** Press the release lever to open the trapdoor.

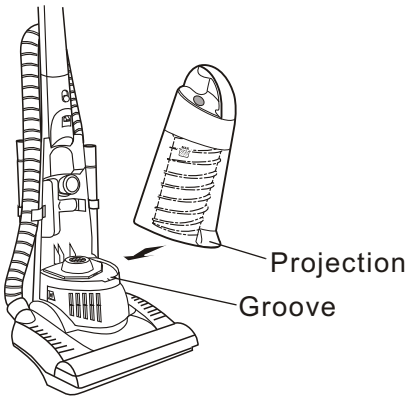



**4** Turn the duster handle several times in the direction shown to empty the dust compartment.

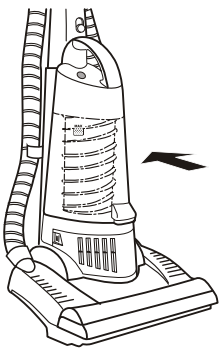



## Reattaching the Dust Compartment

**1** Close the trapdoor and insert the projection on the dust compartment into the groove on the main body.




**2** Push the dust compartment into the main body as shown to reattach.



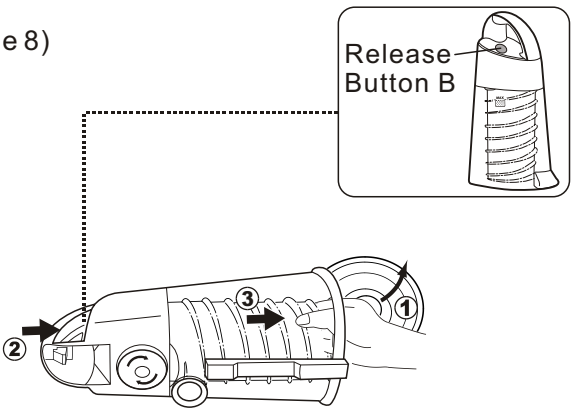
# CLEANING THE FILTERS

**1** Remove the dust compartment.(refer to page 8)

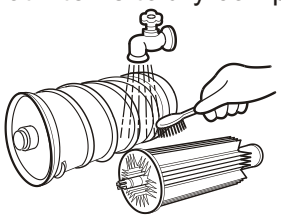
**2** Set the dust compartment to the parallel position. Open the trapdoor, then push the release button B and pull out the main filter.

- The main filter and prefilter will be removed at the same time.

**Caution:** Do not push the release button B at the upright position. As this may drop or damage the main filter and prefilter.




**3** Clean the main filter and prefilter with a soft-bristled brush and rinse with cold water. Allow both items to dry completely.



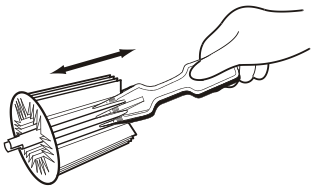
**Caution:**

- Do not use a hard-bristled brush to clean filters. This may result in damage to the filters.
- Do not attempt to dry with a hair dryer or by placing in a clothes dryer. Hot air may cause the filters to warp.

## Cleaning utensil

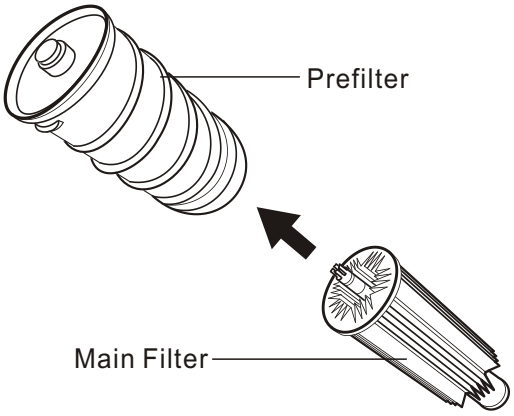
To maintain optimum suction power, the dust filter fins should be kept clean of dirt.

- Clean the filter fins free of dirt with the end of fork as shown.



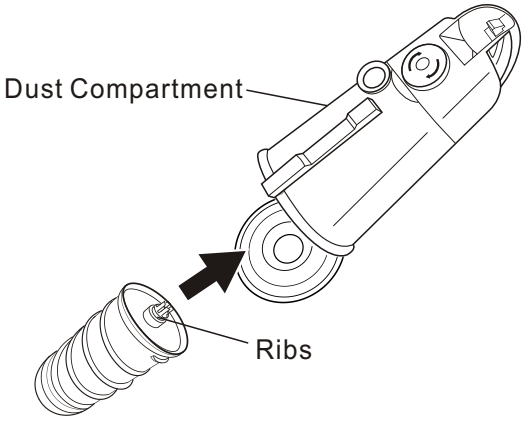
## Reattaching the filters

**1** Insert the main filter into the prefilter as shown.




**2** Hold onto the main filter and insert into the dust compartment.

- Align the ribs of the main filter to match the shape of the hole in the dust compartment and press firmly to insert.




**3** Close the trapdoor.

# CLEANING AND REPLACING THE SECONDARY FILTERS

Caution: Be sure to turn the ON/OFF switch to the "OFF" position and disconnect the power cord from the wall outlet before cleaning the filters.

Depending on usage and conditions, the HEPA filter lasts 3 to 6 months; however, vacuuming large amounts of extremely fine dust, powder or similar material over a long period of time may decrease airflow performance through the filter. If this occurs, it may become necessary to replace the HEPA Filter. Only use genuine FANTOM replacement filters.

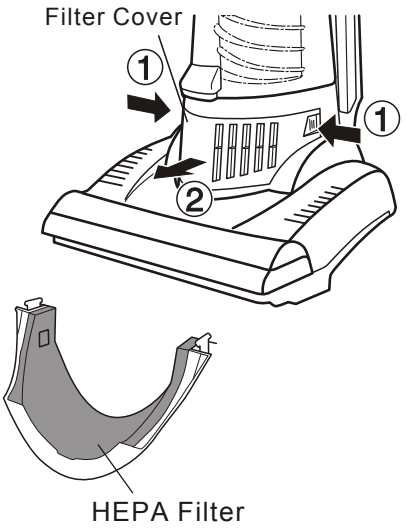
1 Remove the filter cover.

2 Remove the HEPA filter from the filter cover.

3 Replace the HEPA filter.

Caution: The HEPA filter cannot be reused.

4 Replace the filter cover.




## CLEANING THE SUB-FILTER

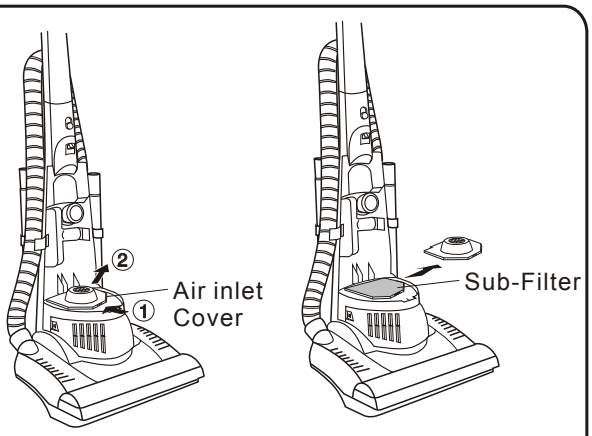
Clean the sub-filter when it becomes dirty.

1 Remove the dust compartment (refer to page 8). Remove the air inlet cover.

2 Remove the sub-filter from the vacuum cleaner.

3 Gently clean the sub-filter with water.

4 Make sure that it is completely dry and then re-install it into the vacuum cleaner. Replace the air inlet cover and the dust compartment.




Caution : Do not wash the air outlet filter and sub-filter in a washing machine, and do not use any other equipment such as a hair dryer to dry it. Do not operate the vacuum without the sub-filter. Be sure the filter is dry and properly installed. Failure to do so could result in electrical shock, personal injury, or motor failure.

# CLEARING BLOCKAGES IN THE SUCTION HOSE AND CLEANING THE AGITATOR ASSEMBLY

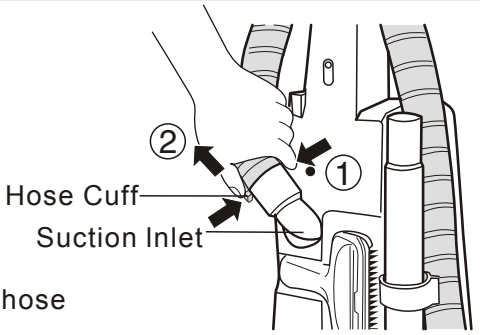
Caution: Be sure to turn the ON/OFF switch to the" OFF " position and disconnect the power cord from the wall outlet before clearing any blockages in the suction hose and cleaning the agitator assembly.

## Clearing blockages in the suction hose

1 Set the vacuum cleaner to the upright position.

2 Remove the hose cuff from the suction inlet and then remove any blockages from the hose.

3 Reattach the hose cuff to the suction inlet,and then operate the vacuum cleaner to check that the blockage has been properly cleared.If the hose is still blocked,the suction force will be weak.




## If the hose still appears to be blocked:

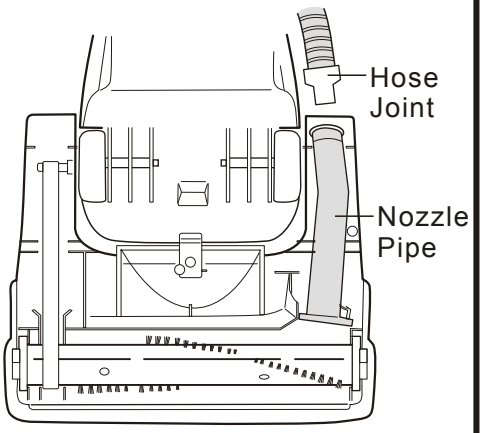
1 Set the vacuum cleaner to the parallel position and turn it over.

2 Remove the lower hose joint from the lower suction inlet as shown above.

3 Remove the bottom plate. (refer to page15)

4 Remove any blockages in the nozzle pipe, while being extremely careful not to damage it .

5 Re -install all the parts in the reverse order of removal. (For the procedure for reattaching the bottom plate, refer to page15)

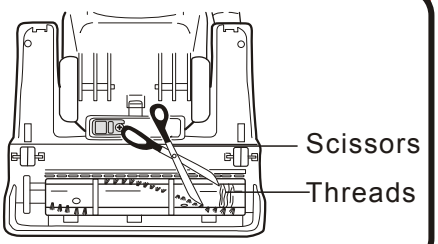



Caution :
- Check that all parts have been installed correctly before reattaching the bottom plate.
- Firmly and securely insert the lower hose cuff.

## Cleaning the agitator assembly

When threads get caught in the agitator assembly,clean the assembly.

Remove threads caught in the assembly by cutting them with scissors.

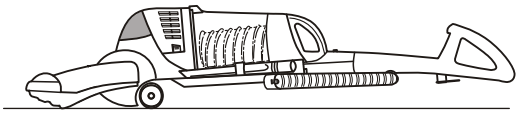


# REPLACEMENT INSTRUCTIONS

**Caution:** Be sure to turn the ON/OFF switch to the"OFF" position and disconnect the power cord from the wall outlet before replacing any of the parts below.

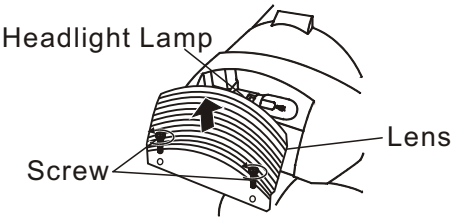
## REPLACING THE HEADLIGHT LAMP

**1** Set the vacuum cleaner to the parallel position.

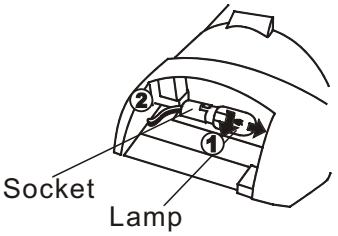


**2** Loosen the screws to remove the lens.

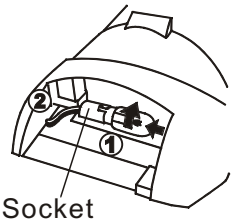
**3** When removing the headlight lamp, be careful not to pull on the headlight lamp wiring.




**4** Remove the lamp by pushing it gently in the direction of the arrow and then turning it counterclockwise.

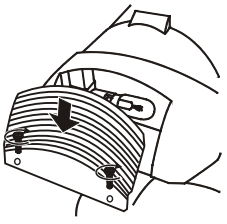



**5** Push a new lamp gently into the socket and turn it clockwise to tighten it .
Use a standard bayonet base appliance lamp rated at 120V and 15W (LAMP MAX.15W).




**Caution:** Be careful not to clamp the headlight lamp wiring.

**6** Reattach the lens and fasten the screws.



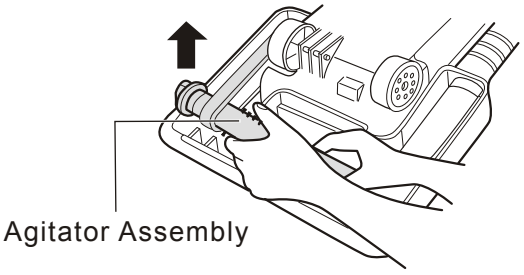
# REPLACEMENT INSTRUCTIONS

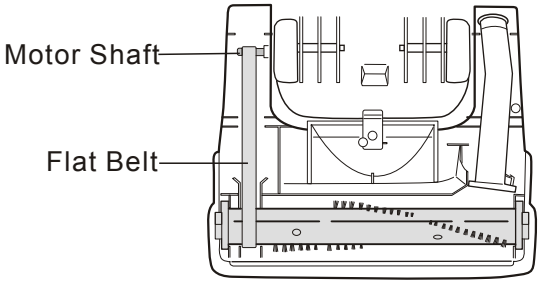
Caution: Be sure to turn the ON/OFF switch to the "OFF " position and disconnect the power cord from the wall outlet before replacing any of the parts below.

## REPLACING THE FLAT BELT

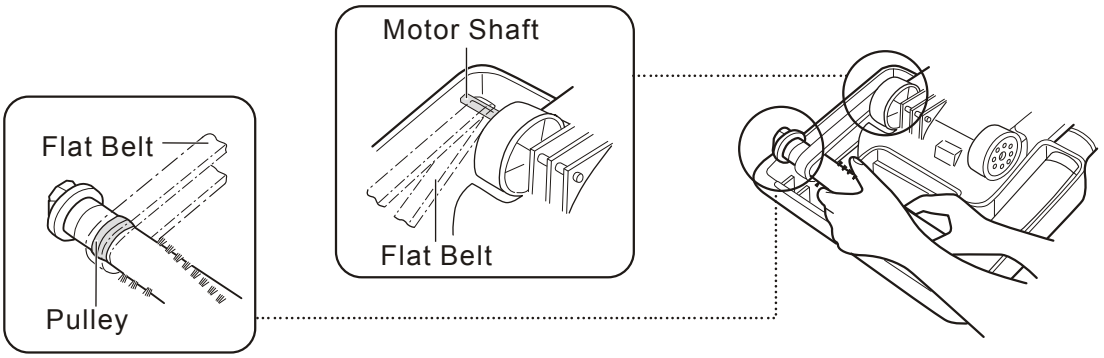
1 Remove the bottom plate.
(refer to page 15)

2 Lift out the agitator assembly, and then remove the flat belt from the motor shaft and the agitator pulley.

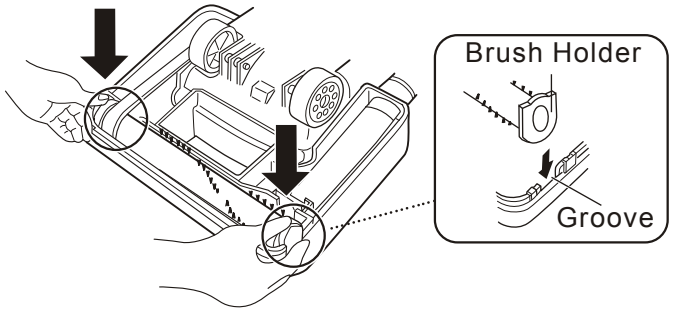



3 Place a new flat belt onto the motor shaft and pulley.




4 Holding two ends of the agitator to place the agitator assembly into the grooves by in the nozzle head, making sure that the new flat belt slides securely into the guide.




Caution:
Install the flat belt so that it has no twists in it, and so that all components turn smoothly.

5 Reattach the bottom plate
(refer to page 15)

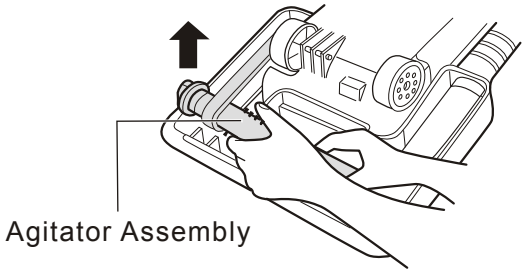
# REPLACEMENT INSTRUCTIONS

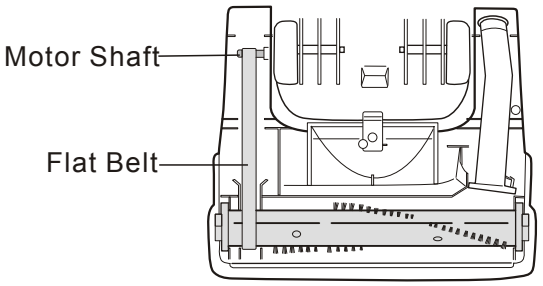
Caution: Be sure to turn the ON/OFF switch to the "OFF" position and disconnect the power cord from the wall outlet before replacing any of the parts below.

## REPLACING THE AGITATOR

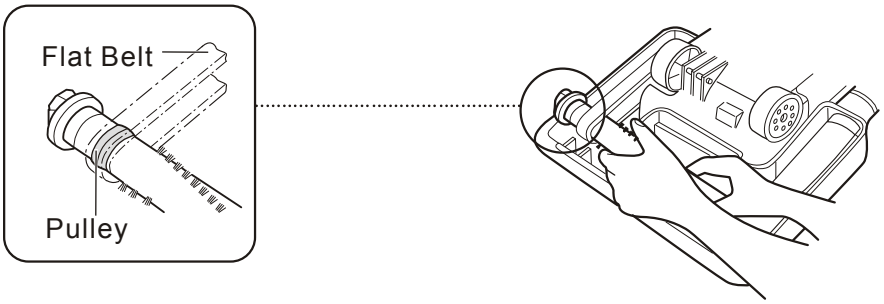
1 Remove the bottom plate.
(refer to page 15)

2 Lift out the agitator assembly, and then remove the agitator assembly as shown.

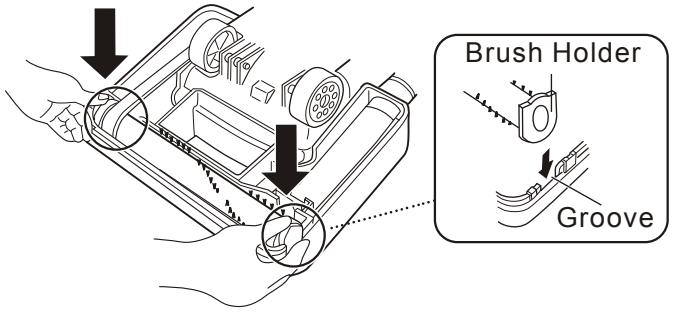



3 Place the flat belt onto the pulley of the new agitator assembly.




4 Place the agitator assembly into the grooves in the nozzle head, making sure that the new agitator assembly operate smoothly.




Caution:
Install the flat belt so that it has no twists in it, and so that all components turn smoothly.

5 Reattach the bottom plate
(refer to page 15)

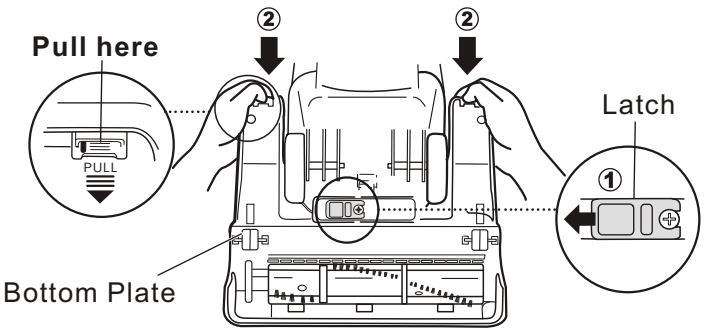
# REPLACEMENT INSTRUCTIONS

## REMOVING THE BOTTOM PLATE

**1** Set the vacuum cleaner to the parallel position and turn it over.

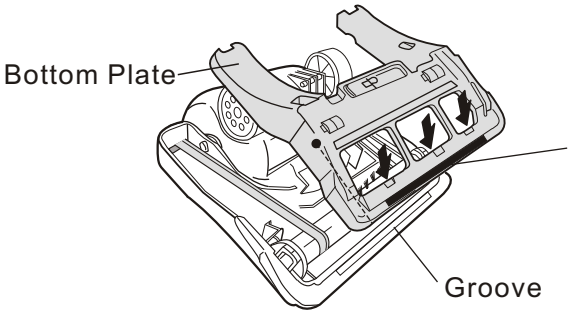
**2** Slide the latch in the direction shown.

**3** Remove the bottom plate by pulling the tabs as illustrated.

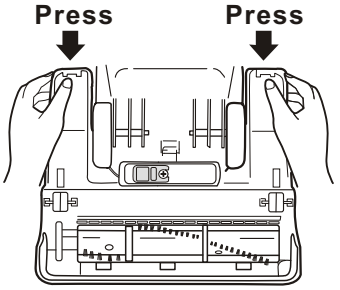



## REATTACHING THE BOTTOM PLATE

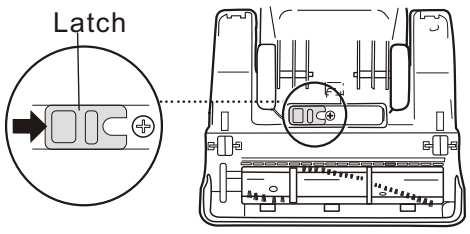
**1** Insert the projection on the bottom place into the groove on the nozzle head and set the bottom plate in place.



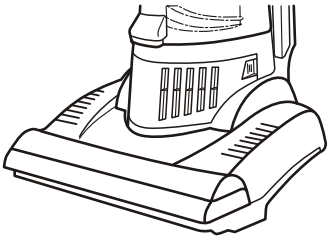

**2** Push the bottom plate as shown.




**3** Slide the latch in the direction shown.




**4** Turn the vacuum over and place in the upright position.



# TROUBLESHOOTING

If there is a problem with the vacuum cleaner, carry out the following checks to find the cause. If the problem still persists after the checks have been made, do not use the vacuum cleaner to prevent the possibility of an accident occurring. Turn the ON/OFF switch to the "OFF" position, disconnect the power cord from the wall outlet, and contact FANTOM Customer Service at 1-800-668-9600. Or visit our website at www.fantom.com

| Problem | Cause | Remedy |
|---|---|---|
| The motor does not operate when the ON/OFF switch is set to the "ON" position. | • The power cord plug is not securely inserted into the wall outlet. | • Insert the power cord plug securely into the wall outlet.(refer to page 5 ) |
| Suction force is weak. | • The dust compartment is full.<br>• The suction hose is blocked.<br>• The nozzle head is blocked.<br>• The filters (main filter, pre-filter and the secondary filters) are dirty. | • Empty the dust compartment. (refer to page 9)<br>• Remove the blockage. (refer to page 11)<br>• Remove the blockage (refer to page 11)<br>• Clean the filters. (refer to page 9)<br>• Replace the HEPA filter (refer to page 10)<br>• Clean the sub-filter. (refer to page 10) |
| The noise is loud. | • The agitator is dirty. | • Clean the agitator. (refer to page 11 ) |
| The agitator does not operate. | • The flat belt is worn or broken.<br>• The agitator is worn or broken. | • Replace the flat belt. (refer to page 13 )<br>• Replace the agitator. (refer to page 14 ) |

TO ORDER REPLACEMENT FIL TERS CALL 1-800-668-9600

# ONE (1) YEAR LIMITED WARRANTY

FANTOM warrants this product to be free from defects in material and workmanship for a period of one (1) year from the date of the original purchase, when utilized for normal household use, subject to the following conditions, exclusions and exceptions.

If your appliance fails to operate properly while in use under normal household conditions within the warranty period, return the complete appliance and accessories, freight prepaid to

In US: FANTOM, 178 West Service Rd., Champlain, N.Y. 12919

If the appliance is found by FANTOM to be defective in material or workmanship, FANTOM will repair or replace it free of charge. Proof of purchase date and $19.95 to cover the cost of return shipping and handling must be included. *

Non-durable parts including, without limitation, dust cup filters, filters, belts, brushes and electrical parts which normally require replacement are specifically excluded from warranty.

The liability of FANTOM is limited solely to the cost of the repair or replacement of the unit at our option. This warranty does not cover normal wear of parts and does not apply to any unit that has been tampered with or used for commercial purposes. This limited warranty does not cover damage caused by misuse, abuse, negligent handling or damage due to faulty packaging or mishandling in transit. This warranty does not cover damage or defects caused by or resulting from damages from shipping or repairs, service or alterations to the product or any of its parts, which have been performed by a repair person not authorized by ***FANTOM***.

This warranty is extended to the original purchaser of the unit and excludes all other legal and/or conventional warranties. The responsibility of FANTOM if any, is limited to the specific obligations expressly assumed by it under the terms of the limited warranty. **In no event** is FANTOM liable for incidental or consequential damages of any nature whatsoever. Some states do not permit the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

***Important: Carefully pack item to avoid damage in shipping. Be sure to include proof of purchase date and to attach tag to item before packing with your name, complete address and phone number with a note giving purchase information, model number and what you believe is the problem with item. We recommend you insure the package (as damage in shipping is not covered by your warranty). Mark the outside of your package "ATTENTION CUSTOMER SERVICE".**

## OWNERSHIP REGISTRATION CARD

Please fill out and mail the product registration card within ten (10) days of purchase in order to validate the foregoing Limited Warranty. The registration will enable us to contact you in the unlikely event of a product safety notification. By returning this card you acknowledge to have read and understood the instructions for use, and warnings set forth in the accompanying instructions.

**RETURN TO *FANTOM*, 178 WEST SERVICE RD., CHAMPLAIN, N.Y. 12919**

**Model**

**Appliance model**

**Date purchased** **Name of store**

**Owner's name**

**Address** **City** **State** **Zip Code**

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